Claims

What is claimed is:

1. A method of processing communications in a communication system switch, the method comprising the steps of:

    assigning weightings to a set of processing scripts, the processing scripts specifying operations to be performed in processing the communications in the switch, such that each of at least a subset of the scripts in the set of processing scripts has a weighting associated therewith; and

    selecting a particular one of the processing scripts for application to a given one of the communications in accordance with the assigned weightings;

    wherein the assigned weightings are configured to provide a desired usage for at least a portion of each of the processing scripts over a given number of the communications.

2. The method of claim 1 wherein the assigned weightings comprise a set of equal weightings for each of the processing scripts in the set of processing scripts.

3. The method of claim 2 wherein the selecting step comprises selecting the particular one of the processing scripts from among the equally-weighted processing scripts in accordance with a round-robin selection process.

4. The method of claim 1 wherein the assigned weightings comprise an integer value for each of the processing scripts in the set of processing scripts.

5. The method of claim 4 wherein the same integer value is assigned to each of the processing scripts in the set of processing scripts, the assigned weightings thereby providing a substantially equal usage of each of the processing scripts over the given number of the communications.

6. The method of claim 4 wherein different integer values are assigned to different ones of the processing scripts in the set of processing scripts, the assigned weightings thereby providing

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different usages for the different ones of the processing scripts over the given number of the communications.

7. The method of claim 1 wherein the assigned weightings comprise a percentage value for each of at least a subset of the processing scripts in the set of processing scripts, the percentage value specifying a desired percentage usage of its corresponding processing script.

8. The method of claim 1 wherein the assigned weightings comprise a frequency value for each of at least a subset of the processing scripts in the set of processing scripts, the frequency value specifying a desired frequency of utilization for its corresponding processing script.

9. The method of claim 1 wherein one or more of the processing scripts each comprise multiple lines of code, and further wherein an assigned weighting for a given one of the processing scripts comprises a weighting for at least a particular one of the multiple lines of code.

10. The method of claim 1 wherein the communication system switch comprises a distributed switch having multiple processing elements associated therewith, the assigned weightings providing a desired distribution of communication processing operations across the multiple processing elements.

11. A communication system switch for processing communications, the switch comprising:

a memory for storing weightings assigned to a set of processing scripts, the processing scripts specifying operations to be performed in processing the communications in the switch, such that each of at least a subset of the scripts in the set of processing scripts has a weighting associated therewith; and

a processor coupled to the memory, the processor being operative to select a particular one of the processing scripts for application to a given one of the communications in accordance with the assigned weightings;

wherein the assigned weightings are configured to provide a desired usage for at least a portion of each of the processing scripts over a given number of the communications.

12. An article of manufacture comprising a machine-readable storage medium storing one or more programs for use in processing communications in a communication system switch, wherein the one or more programs when executed implement the steps of:

assigning weightings to a set of processing scripts, the processing scripts specifying operations to be performed in processing the communications in the switch, such that each of at least a subset of the scripts in the set of processing scripts has a weighting associated therewith; and

selecting a particular one of the processing scripts for application to a given one of the communications in accordance with the assigned weightings;

wherein the assigned weightings are configured to provide a desired usage for at least a portion of each of the processing scripts over a given number of the communications.